

Thermoformable plastic films can be formed into bags, pouches, trays, etc. which are useful when packaging foodstuffs and other products. These films enjoy widespread use in the packaging of meat and other oxygen sensitive products due to the gas permeation barrier provided. Thermoformable packaging films comprise one or more layers of thermoplastic, including olefinic copolymers, amorphous and crystalline nylons, ionomeric polymers, and polyolefins. By selecting the type and combination order of thermoplastics, a packaging film was developed that provides excellent impact and abrasion resistance, sealability, thermoformability, and optical clarity.

Figure 1. The effect of the *in vitro* incubation time on the release of the *in vitro* released from the *in vitro* release.